

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	("4434224" "5185278" "5650041" "5976769" "6251774" "6279585"). PN.	US-PGPUB; USPAT	OR	OFF	2005/11/30 10:12
S2	4944	(438/636,637,638,670,671,736,745,751).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/30 10:15
S3	1688	S2 and @ad<"19990629"	US-PGPUB; USPAT	OR	ON	2005/11/30 10:16
S4	177	S3 and (liftoff or lift\$3 adj off)	US-PGPUB; USPAT	OR	ON	2005/11/30 10:18
S5	161	S4 and (mask or pattern)	US-PGPUB; USPAT	OR	ON	2005/11/30 10:42
S6	115	S5 and resist and etch\$3	US-PGPUB; USPAT	OR	ON	2005/11/30 14:32
S7	17	S6 and ((second or two) near mask)	US-PGPUB; USPAT	OR	ON	2005/12/01 08:07
S8	64	S6 and ((contact adj hole) or via)	US-PGPUB; USPAT	OR	ON	2005/11/30 11:55
S9	4944	(438/636,637,638,670,671,736,745,751).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/30 14:31
S10	1688	S9 and @ad<"19990629"	US-PGPUB; USPAT	OR	ON	2005/11/30 14:31
S11	177	S10 and (liftoff or lift\$3 adj off)	US-PGPUB; USPAT	OR	ON	2005/11/30 14:31
S12	161	S11 and (mask or pattern)	US-PGPUB; USPAT	OR	ON	2005/11/30 14:31
S13	124	S12 and (soluble or dissolv\$3 or solvent or solution)	US-PGPUB; USPAT	OR	ON	2005/11/30 15:02
S14	96	S13 and resist and etch\$3	US-PGPUB; USPAT	OR	ON	2005/11/30 14:32
S15	96	S14 and (aluminum or Al or tungsten or WO or titanium or Ti)	US-PGPUB; USPAT	OR	ON	2005/11/30 14:34
S16	74	S14 and (aluminum or tungsten or titanium)	US-PGPUB; USPAT	OR	ON	2005/11/30 14:34
S17	45	S16 and ((contact adj hole) or via)	US-PGPUB; USPAT	OR	ON	2005/11/30 14:35
S22	17	(US-5663101-\$ or US-5266516-\$ or US-5110712-\$ or US-5032541-\$ or US-4747909-\$ or US-4315984-\$ or US-4040891-\$ or US-6326300-\$ or US-5185293-\$ or US-4840923-\$ or US-4659650-\$ or US-4606998-\$ or US-4532002-\$ or US-4519872-\$ or US-4367119-\$ or US-3985597-\$ or US-5679608-\$).did.	USPAT	OR	OFF	2005/11/30 15:07

S23	0	S22 and ((tungsten adj oxide) or (WO))	USPAT	OR	OFF	2005/12/01 08:36
S24	3	S22 and ((aluminum adj oxide) or (AlO))	USPAT	OR	OFF	2005/11/30 15:12
S25	0	S22 and ((titanium adj oxide) or (TiO))	USPAT	OR	OFF	2005/11/30 15:12
S26	2	S22 and ((titanium adj nitride) or (TiN))	USPAT	OR	OFF	2005/11/30 15:12
S27	11291	semiconductor and substrate and (liftoff or lift adj off)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:39
S28	5669	S27 and @ad<"19990629"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:39
S29	1134	S28 and (resist and mask\$3 and etch\$3 and ((contact adj hole) or via))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:42
S30	147	S29 and (second near mask\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 17:41
S31	56	S30 and (dissolv\$3 or soluble)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:46
S32	0	S30 and ((dissolv\$3 or soluble) near (tungsten adj oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:47
S33	0	S30 and ((dissolv\$3 or soluble) near (aluminum adj oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:47
S34	0	S30 and ((dissolv\$3 or soluble) near (titanium adj oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:47

S35	0	S30 and ((dissolv\$3 or soluble) near (titanium adj nitride))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:48
S36	4	S30 and (titanium adj nitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:50
S37	71	S29 and (titanium adj nitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:51
S38	24	S29 and (dissolve same (water or alkaline))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 17:15
S39	4956	(438/636,637,638,670,671,736,745, 751).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/01 08:08
S40	1688	S39 and @ad<"19990629"	US-PGPUB; USPAT	OR	ON	2005/12/01 08:08
S41	177	S40 and (liftoff or lift\$3 adj off)	US-PGPUB; USPAT	OR	ON	2005/12/01 08:08
S42	161	S41 and (mask or pattern)	US-PGPUB; USPAT	OR	ON	2005/12/01 08:08
S43	115	S42 and resist and etch\$3	US-PGPUB; USPAT	OR	ON	2005/12/01 08:08
S44	15	S43 and ((multiple or multi-layer or multilayer) same mask)	US-PGPUB; USPAT	OR	ON	2005/12/01 08:09
S45	17	(US-5663101-\$ or US-5266516-\$ or US-5110712-\$ or US-5032541-\$ or US-4747909-\$ or US-4315984-\$ or US-4040891-\$ or US-6326300-\$ or US-5185293-\$ or US-4840923-\$ or US-4659650-\$ or US-4606998-\$ or US-4532002-\$ or US-4519872-\$ or US-4367119-\$ or US-3985597-\$ or US-5679608-\$).did.	USPAT	OR	OFF	2005/12/01 08:37
S46	13	S45 and ((mutliple or second or multilayer) same mask)	USPAT	OR	OFF	2005/12/01 08:37